

CRDBG-806
25 Mar 49

COMPOUND, PROTECTIVE, STRIPPABLE

JAN-6-14/9
(HOT DIP)

TYPE II

Wren file please
Burial Packaging
1954

Project No. _____ Sample No. **CONFIDENTIAL** Date Assigned 15 March 1954
Mfr. Seal Peel Code No. B - Regular Comp Batch No. _____
Base Formulation _____ Code No. _____

ACCEPTANCE

TEST	REQUIREMENTS	RESULTS
D-3 Homogeneity		
a. Initial material	No gelling or separation	OK
b. Aged material	Light skinning only	OK
D-4 Fire Point	410°F. Min.	425
B-5 Brittleness	No cracking	OK
D-6 Film Forming Characteristics	100 Max. with a max. variation of .010	
a. Initial material	± 20% of Initial material with	.078 } 5.1%
b. Aged Material	a max. variation of .010	.062 }
D-7 Exudation	1% to 5%	5.5
E-1 Tensile Strength	300 lbs/sq. in. Min.	Initial 728, Aged 746
E-2 Elongation		
a. Initial material	90% Min.	175
b. Aged material	70% Min.	165
E-3 Plasticity	0.35 Min.	0.38
D-8 Strippability & Flexibility	Qualification Strip in one sheet-no crack- ing over 1/8" rod	
a. Steel panels	Same	OK
b. Copper	Same	OK
c. Aluminum	Same	OK
d. Cycling panels	Same	OK
D-9 Humidity Test		
a. Steel	No corrosion	OK
b. Copper	No corrosion	OK
c. Aluminum	No corrosion	OK
D-10 Cycling Test	No corrosion	OK
F-5f(1)a, Type I Aged material	Conditioning Strip in one sheet-no crack- ing over 1/8" rod.(Flexibility)	
F-5f(1)b, Type II Aged material in Oxygen	Same	OK

REMARKS: Compound failed to meet the requirements of the specification as the percent exudate is too high.

25X1

25X1

CRDBG-806

25 Mar 49

COMPOUND, PROTECTIVE, STRIPPABLE

JAN-C-11/9

(HOT DIP)

TYPE II

CONFIDENTIAL

Project No. _____ Sample No. _____ Date Assigned _____

Mfr. Seal Peel Code No. HR-45 Batch No. _____

_____ Base Formulation _____ Code No. _____

ACCEPTANCE

TEST	REQUIREMENTS	RESULTS
D-3 Homogeneity		
a. Initial material	No gelling or separation	OK
b. Aged material	Light skinning only	OK
D-4 Fire Point	410°F. Min.	150
B-5 Brittleness	No cracking	OK
D-6 Film Forming Characteristics	100 Max. with a max. variation of .010	
a. Initial material	± 20% of Initial material with	0.081 } 1.8%
b. Aged Material	a max. variation of .010	0.080 }
D-7 Exudation	1% to 5%	3.7
E-1 Tensile Strength	300 lbs/sq. in. Min.	Initial 1.614, Aged 1.074
E-2 Elongation		
a. Initial material	90% Min.	117
b. Aged material	70% Min.	101
E-3 Plasticity	0.35 Min.	0.38
D-8 Strippability & Flexibility	Qualification Strip in one sheet-no crack- ing over 1/8" rod	
a. Steel panels	Same	OK
b. Copper	Same	OK
c. Aluminum	Same	OK
d. Cycling panels	Same	OK
D-9 Humidity Test		
a. Steel	No corrosion	OK
b. Copper	No corrosion	OK
c. Aluminum	No corrosion	OK
D-10 Cycling Test	No corrosion	OK
F-5f(1)a. Type I Aged material	Conditioning Strip in one sheet-no crack- ing over 1/8" rod.(Flexibility)	
F-5f(1)b. Type II Aged material in Oxygen	Same	OK

REMARKS: Approved Compound**CONFIDENTIAL**

CRDBG-806
25 Mar 49COMPOUND, PROTECTIVE, STRIPPABLE
JAN-C-149
(HOT DIP)
TYPE II

Project No. _____ Sample No. _____ Date Assigned 15 March 1954
 Mfr. Seal Peel Code No. A - Rodent Proof Batch No. _____
 _____ Base Formulation _____ Code No. _____

ACCEPTANCE

TEST	REQUIREMENTS	RESULTS
D-3 Homogeneity		
a. Initial material	No gelling or separation	OK
b. Aged material	Light skinning only	OK
D-4 Fire Point	410°F. Min.	120°F
B-5 Brittleness	No cracking	OK
D-6 Film Forming Characteristics	100 Max. with a max. variation of .010	
a. Initial material	± 20% of Initial material with	.065 } 5.7%
b. Aged Material	a max. variation of .010	.092 }
D-7 Exudation	1% to 5%	4.9
E-1 Tensile Strength	300 lbs/sq. in. Min.	Initial 693#, Aged 686#
E-2 Elongation		
a. Initial material	90% Min.	170
b. Aged material	70% Min.	165
E-3 Plasticity	0.35 Min.	0.38
D-8 Strippability & Flexibility	Qualification Strip in one sheet-no crack- ing over 1/8" rod	
a. Steel panels	Same	OK
b. Copper	Same	OK
c. Aluminum	Same	OK
d. Cycling panels	Same	OK
D-9 Humidity Test		
a. Steel	No corrosion	OK
b. Copper	No corrosion	Corroded
c. Aluminum	No corrosion	OK
D-10 Cycling Test	No corrosion	OK
F-5f(1)a. Type I Aged material	Conditioning Strip in one sheet-no crack- ing over 1/8" rod. (Flexibility)	
F-5f(1)b. Type II Aged material in Oxygen	Same	OK

REMARKS: Compound failed to protect copper. Also the difference in viscosity of the aged and initial material is over the maximum allowed.

D-6